

Converting Colors

Yxy(62.8030, 0.3633, 0.4098)

Have a look what the booklet for
Yxy(62.8030, 0.3633, 0.4098)
contains.

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Color

Yxy(62.6877, 0.3634, 0.4095)

Conversions

Conversions Part 1

Format	Color
Hex	D5D38E
RGB	213, 211, 142
RGB Percent	84%, 83%, 56%
CMY	0.1645, 0.1726, 0.4431
CMYK	0.00, 0.01, 0.33, 0.16
HSL	58°, 46%, 70%
HSV	58°, 33%, 84%
XYZ	55.6305, 62.6877, 34.7653
YIQ	203.7320, 23.3410, -21.0350

Conversions

Conversions Part 2

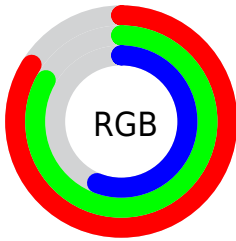
Format	Color
RYB	144, 213, 142
Decimal	14013326
CIELab	83.28, -9.68, 34.47
CIElCh	83, 35.805, 105.683
Yxy	62.6877, 0.3634, 0.4095
Android (android.graphics.Color)	4292203406 (0xFFD5D38E)
YUV	203.7320, -30.4339, 8.1280
Hunter-Lab	79.1756, -13.1391, 29.3892

Details

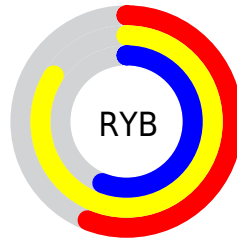
The Yxy color **62.6877, 0.3634, 0.4095** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.5324, 0.2535, 0.2334**, and the grayscale version is **60.3972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **32.0374, 0.3738, 0.4300** is the 20% darker color. If you saturate the color by 10%, you get **61.8026, 0.3781, 0.4325**, and if you desaturate by 10%, it is **63.7019, 0.3481, 0.3853**.

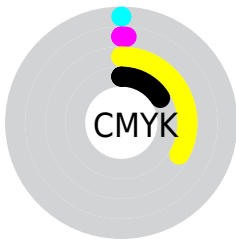
Distribution



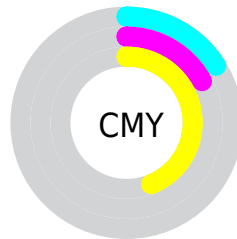
- Red (84%)
- Green (83%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (1%)
- Yellow (33%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6877, 0.3634, 0.4095 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 62.6877, 0.3634, 0.4095 by changing the saturation by 10% instead.


 62.6877, 0.3634,
0.4095

 62.6877, 0.3634,
0.4095


434.4352, 0.3402,
0.3709

 45.5886, 0.3685,
0.4185

 108.7188, 0.3555,
0.3959

 31.9213, 0.3747,
0.4297

 138.4197, 0.3523,
0.3907

 21.3014, 0.3822,
0.4438


173.0899, 0.3496,
0.3862

 13.3445, 0.3913,
0.4622

213.1138, 0.3472,
0.3823

 7.6662, 0.4021,
0.4866

258.8759, 0.3452,
0.3789

 3.8821, 0.4196,
0.5267

310.7606, 0.3433,

 1.6078, 0.4280,

0.3759

0.5720

369.1522, 0.3416,
0.3733

0.3629, 0.2304,
0.7696

0.0000, 0.0000,
0.0000

62.6877, 0.3634,
0.4095

62.6877, 0.3634,
0.4095

61.8026, 0.3781,
0.4325

63.7019, 0.3481,
0.3853

61.0313, 0.3915,
0.4533

64.8433, 0.3327,
0.3609

60.3687, 0.4030,
0.4709

66.1206, 0.3176,
0.3368

59.8064, 0.4123,
0.4847

67.5394, 0.3032,
0.3138

■ 59.3342, 0.4189,
0.4942

■ 69.1051, 0.2897,
0.2920

■ 58.9403, 0.4229,
0.4994

■ 69.8288, 0.2858,
0.2862

■ 58.7078, 0.4245,
0.5011

■ 70.1449, 0.2859,
0.2869

■ 70.4623, 0.2859,
0.2876

■ 70.7808, 0.2859,
0.2882

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.6877, 0.3944, 0.3902



62.6877, 0.3634, 0.4095



62.6877, 0.3201, 0.4052

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.6877, 0.3634, 0.4095



62.6877, 0.2301, 0.2900



62.6877, 0.3463, 0.2884

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.6877, 0.3634, 0.4095



30.5324, 0.2535, 0.2334

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.6877, 0.3001, 0.2652



62.6877, 0.3634, 0.4095



62.6877, 0.2357, 0.2641

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6877, 0.3634, 0.4095



62.6877, 0.2444, 0.3308



62.6877, 0.2603, 0.2561



62.6877, 0.3851, 0.3212

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6877, 0.3634, 0.4095



62.6877, 0.2904, 0.3876



62.6877, 0.2603, 0.2561



62.6877, 0.3310, 0.2793

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.6905, 0.3634, 0.4095



97.9921, 0.3277, 0.3530



35.5314, 0.3875, 0.3263



20.9176, 0.3299, 0.3565



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6905, 0.3634, 0.4095



93.1986, 0.3739, 0.4259



59.2627, 0.3361, 0.4194



14.4550, 0.3267, 0.3514



35.8673, 0.4244, 0.5012



2.1833, 0.4235, 0.5019

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.5324, 0.2535, 0.2334



37.7597, 0.2387, 0.2092



33.2919, 0.2814, 0.2377



12.0661, 0.2981, 0.3056



3.0426, 0.1506, 0.0620



0.2044, 0.1523, 0.0682

Previews

White Background



This preview shows how the Yxy color 62.6877, 0.3634, 0.4095 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 62.6877, 0.3634, 0.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

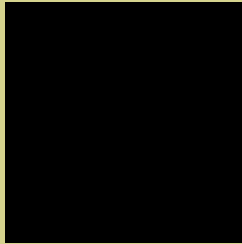
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

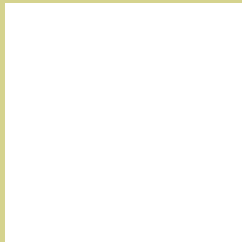
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6877, 0.3634, 0.4095

Background



This preview shows how black text looks on a background with the Yxy color 62.6877, 0.3634, 0.4095.



This preview shows how white text looks on a background with the Yxy color 62.6877, 0.3634, 0.4095.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.6877, 0.3634, 0.4095

Protanopia

62.5266, 0.3762, 0.4049

Deuteranopia

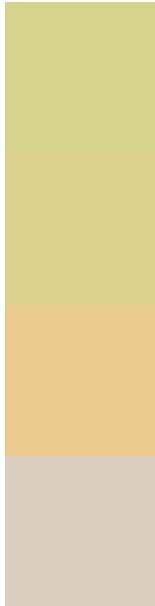
62.2067, 0.3947, 0.3856



Tritanopia

62.7804, 0.3173, 0.3124

Trichromacy



Original Color

62.6877, 0.3634, 0.4095

Protanomaly

62.4070, 0.3717, 0.4057

Deuteranomaly

62.3877, 0.3832, 0.3942

Tritanomaly

62.4404, 0.3345, 0.3462

Monochromacy



Original Color

62.6877, 0.3634, 0.4095

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.2272, 0.3313, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6877, 0.3634, 0.4095 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 211, 142)` looks like.

```
.text, #text, p{  
    color:rgb(213, 211, 142)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 211, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 211, 142) }
```

Border

The CSS property to change the border of an element to Yxy 62.6877, 0.3634, 0.4095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 211, 142) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 211, 142) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 211, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 211, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 211, 142);  
box-shadow:4px 4px 4px 4px rgb(213, 211,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6877, 0.3634, 0.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 211, 142) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
211, 142) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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